Index of Claims

| Appl | lication | /Contr | ol | No | ١. |
|------|----------|--------|----|----|----|

10/802,563

10/802,56 Examiner

Su C. Kim

Applicant(s)/Patent under Reexamination

YU ET AL.

Art Unit

2823

√ Rejected
= Allowed

(Through numeral)
Cancelled

Restricted

N Non-Elected

Interference

A Appeal
O Objected

| Cla | Date | | | | | | | | | |
|--|--|---------|----------|----------------|--------------|----------|----------|----------|----------|---|
| | | | | Γ- | | | Г | Γ | М | |
| Final | Original | 11/9/05 | | | | | | | | |
| | 1 | N | | | | | | | | |
| | 1 2 3 4 5 | N | | | | | | | | |
| | 3 | N | | | | | | | | |
| | 4 | N | | | _ | _ | | L | <u> </u> | Ш |
| | 5 | N | | | $oxed{oxed}$ | L. | | | | Щ |
| | 6 7 | N | | _ | L | ļ | ļ_ | <u> </u> | ļ | Ш |
| ļ | 7 | Ŋ | _ | | _ | <u> </u> | | _ | <u> </u> | Ш |
| | 8 | 1 | | <u> </u> | | _ | <u> </u> | _ | ┡ | Щ |
| | 9 | 1 | | _ | _ | _ | _ | _ | ⊢ | Н |
| | 10 | 1 | _ | - | ├- | - | - | ┝ | ├ | Н |
| | 12 | 1 | _ | ⊢ | ⊢ | | - | - | ┝ | Н |
| \vdash | 12 | 1 | \vdash | ⊢ | \vdash | \vdash | \vdash | ⊢ | \vdash | Н |
| \vdash | 14 | J | - | | ├ | \vdash | ├ | \vdash | - | Н |
| \vdash | 11 12 13 14 15 16 17 | N | \vdash | | \vdash | \vdash | - | - | \vdash | Н |
| \vdash | 16 | Ì | \vdash | \vdash | \vdash | \vdash | \vdash | \vdash | \vdash | Н |
| \vdash | 17 | V | _ | \vdash | ┢ | - | \vdash | - | - | Н |
| | 18 | Ì | | | \vdash | H | | | | Н |
| | 19 | 1 | | _ | _ | 一 | | 一 | | Н |
| | 20 | 1 | \vdash | \vdash | Г | | | | | П |
| | 21 | 1 | | | | Т | | 一 | | |
| | 22 23 | 1 | | | | | | Г | | |
| | 23 | 1 | | | | | | | | |
| | 24 | 1 | | | | | | | | |
| | 25 26 | 1 | | | L | | | | | |
| | 26 | | | | <u> </u> | _ | | | | Ш |
| | 27 | 1 | _ | _ | _ | | | _ | | Ш |
| | 28 | N | | <u> </u> | <u> </u> | | _ | <u> </u> | _ | Щ |
| L | 29 | N | _ | <u> </u> | <u> </u> | _ | <u> </u> | <u> </u> | <u> </u> | Ш |
| | 30 31 | N | _ | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | ┡ | Н |
| | 31 | N | _ | ├ | ⊩ | ┝ | ⊩ | ├- | ┝ | Н |
| | 32 | | | | ⊢ | | ⊢ | \vdash | ┝ | Н |
| - | 33 34 | N N | _ | - | | ├ | ⊢ | - | \vdash | Н |
| | 35 | | | \vdash | \vdash | \vdash | \vdash | - | - | Н |
| _ | 36 | 1 | - | - | \vdash | \vdash | \vdash | \vdash | H | Н |
| — | 37 | 1 | - | - | _ | ┢╾ | \vdash | \vdash | \vdash | Н |
| | 38 | 1 | \vdash | Н | Н | П | Н | | Η- | Н |
| | 38 39 | 1 | Г | | Ι- | | Т | T | Т | H |
| | 40 | V | | | | | | | | П |
| | 41 | 1 | | | | | | Г | | П |
| | 42 | 1 | | | | | | | | |
| | 43 | 1 | | | | | | | | |
| | 44 | 7 | | | | | | | | |
| | 45 | 7 | | | | | | | | |
| | 46 | 1 | | <u>L</u> | _ | | | \Box | | |
| <u> </u> | 47 | 7 | | <u> </u> | <u> </u> | L | | | _: | Ш |
| \square | 48 | 1 | | \vdash | L | _ | | _ | | Ш |
| | 49 | 7 | _ | \vdash | | _ | <u> </u> | L | L | Щ |
| $ldsymbol{ld}}}}}}$ | 50 | 1 | | L | L_ | | | | | Ш |

| E E S | Cla | Date | | | | | | | | | |
|---|--------------|---|--------------|--------------|--------------|-------------------------------------|--|---------------|--|--------------|----------|
| 51 √ 52 √ 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 | | = | <u>ا</u> | | | | | | | | Ī |
| 51 √ 52 √ 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 | a l | <u>e</u> | ĕ | | | | l | | | | l |
| 51 √ 52 √ 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 97 | :⊑ | <u>:</u> g | စြ | | | | | | | | l |
| 51 √ 52 √ 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 97 | 1 4 | Ιŏ | = | | | | l | | | l | ı |
| 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 | | | | | | | L | _ | | _ | _ |
| 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 | | 51 | V | | l | | | | | | |
| 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 | | 52 | 1 | | | | | | | | |
| 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 | | 53 | | | | | | | | \vdash | _ |
| 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 | | E4 | H | - | | | \vdash | \vdash | ⊢ | - | \vdash |
| 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 | | 54 | - | _ | _ | _ | _ | ⊢ | \vdash | <u> </u> | _ |
| 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 | | 55 | | | _ | _ | | | _ | | _ |
| 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 | | 56 | | | | | | | | | |
| 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 | | 57 | : | | | | l | | | | 1 |
| 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 | | 58 | | | | | | | | | |
| 60 61 62 63 64 65 66 67 68 69 70 71 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 | | 50 | \vdash | | | $\overline{}$ | \vdash | | \vdash | \vdash | \vdash |
| 61 | - | 50 | \vdash | _ | - | _ | \vdash | - | \vdash | \vdash | ┝ |
| 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 | | 60 | <u> </u> | | | | _ | <u> </u> | | | <u> </u> |
| 64 65 66 67 68 69 70 71 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 | | 61 | $oxed{oxed}$ | | | | | _ | | L | |
| 64 65 66 67 68 69 70 71 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 | L | 62 | LÏ | L | L | L | L | L | L | L | L |
| 64 65 66 67 68 69 70 71 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 | | 63 | | | | | Г | | | | |
| 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 | | 64 | | \vdash | | _ | _ | | _ | <u> </u> | \vdash |
| 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 | — | 65 | - | | - | \vdash | | \vdash | | - | - |
| 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 | \vdash | 00 | _ | _ | | _ | <u> </u> | _ | _ | <u> </u> | _ |
| 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 | | 66 | | | _ | | _ | | <u>_</u> | | |
| 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 | | 67 | | | | | | | | | |
| 70 71 72 73 74 75 76 77 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 | | 68 | | | | | | | | | |
| 70 71 72 73 74 75 76 77 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 | | 69 | _ | _ | ┪ | _ | _ | $\overline{}$ | _ | - | - |
| 71 | - | 70 | | ┝ | - | | - | | - | | - |
| 72 | - | 70 | | <u> </u> | <u> </u> | ┡ | <u> </u> | _ | | | _ |
| 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 | | 71 | L. | _ | | _ | | _ | _ | | _ |
| 76 | | 72 | | | | | | | | | |
| 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 | | 73 | | | | | | | | | |
| 76 | | 74 | | | | Г | \vdash | | | | |
| 76 | | 75 | \vdash | \vdash | _ | \vdash | \vdash | \vdash | \vdash | \vdash | - |
| 78 79 80 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 | - | 73 | - | - | - | ┝ | ┝ | - | ├ | ┝ | ⊢ |
| 78 79 80 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 | | 76 | \vdash | | <u> </u> | _ | <u> </u> | <u> </u> | <u> </u> | <u> </u> | _ |
| 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 | | 77 | | | | | | | | | |
| 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 | 1 | 78 | | | | | | | | | |
| 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 | | 79 | | | | | | | | | |
| 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 | | 80 | | | | | | | \vdash | \vdash | \vdash |
| 83 84 85 86 87 88 89 90 91 92 93 93 94 95 96 | | 01 | - | | | _ | ├ | \vdash | | | \vdash |
| 83 84 85 86 87 88 89 90 91 92 93 93 94 95 96 | | 01 | - | - | - | <u> </u> | \vdash | \vdash | - | <u> </u> | <u> </u> |
| 84 85 86 87 88 89 90 91 92 93 94 95 96 | <u></u> | 82 | <u> </u> | L | <u> </u> | | | <u> </u> | _ | | |
| 85 86 87 88 89 90 91 92 93 94 95 96 | L | 83 | | L | L | L | | L | L | L | L |
| 85 86 87 88 89 90 91 92 93 94 95 96 | | 84 | | | | | | | | | |
| 86 87 88 89 90 91 92 93 94 95 96 | | 85 | | | | | Г | \Box | | | |
| 87 88 89 90 91 92 93 94 95 96 | \vdash | 86 | Н | Η- | | | | | - | \vdash | \vdash |
| 88 89 90 90 91 92 93 94 95 96 97 | - | 00 | Н | - | - | - | | _ | \vdash | \vdash | <u> </u> |
| 89 90 91 92 93 94 95 96 97 | <u> </u> | 8/ | Щ | _ | <u> </u> | Щ | L_ | <u> </u> | | <u> </u> | <u> </u> |
| 90 91 92 93 94 95 96 97 | L | 88 | Ш | | | | | $oxed{oxed}$ | | | |
| 90 91 92 93 94 95 96 97 | | 89 | | | | | | | | | |
| 91 92 93 94 95 96 97 | | 90 | | | _ | | | | | | |
| 92 93 94 95 96 97 | | | Н | | \vdash | - | _ | \vdash | _ | | \vdash |
| 93 94 95 96 97 | | | Н | | \vdash | - | _ | \vdash | \vdash | - | \vdash |
| 94 95 96 97 | \vdash | | \vdash | _ | | | <u> </u> | \vdash | | <u> </u> | <u> </u> |
| 95 96 97 | L | | Ш | | _ | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | | _ | _ | | |
| 95 96 97 | | | | L_ | L | | | | | LĪ | L |
| 96 97 | | | | | | | | | | | |
| 97 | | | Н | _ | \vdash | | | \vdash | П | Н | Н |
| | \vdash | 07 | Н | | - | | - | \vdash | \vdash | \vdash | - |
| 1 1981 1 1 1 | | | _ | | _ | | _ | | | | _ |
| | | | Ш | | L_ | | _ | $oxed{oxed}$ | Щ | <u> </u> | |
| 99 | | 99 | <u> </u> | | | LÌ | LÌ | LÌ | LĪ | LÌ | L |
| | | 100 | | | | | | | | | |
| 1400 | 1 | 100 | | | 1 | | | ı | 1 |) | |

| Claim | | | | _ | _ | Date | · | - | | \neg |
|-------|---------------------------------|--------------|--------------|--|--------------|--------------|------------|---------------|----------------|---------------------|
| | | - | | | ΤÌ | <u> </u> | | | П | |
| ā | ina | | 1 | | | | | | | |
| Final | Original | | l | | l | 1 | l | | | |
| | 0 | | | | | | | | | |
| | 101 | | | | | \vdash | Г | П | | П |
| | 102 | | | | | | | | | |
| | 103 104 105 | | | | | | Г | | Г | |
| | 104 | | | | | | | | | |
| | 105 | | | | | | | | | |
| | 106 | | | | | | | | | |
| | 106 107 | | | | | | | | | |
| | 108 | | _ | | _ | L | | | | |
| | 109 | | | | | | | | _ | |
| | 110 | _ | <u> </u> | | _ | <u>_</u> | | | | |
| | 111 | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | _ | | Щ |
| | 112 113 | <u> </u> | | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | \sqcup |
| | 113 | _ | <u> </u> | <u> </u> | | <u> </u> | <u> </u> | <u> </u> | _ | Щ |
| | 114 | <u> </u> | | \vdash | ├— | <u> </u> | - | <u> </u> | — | dash |
| | 114 115 116 | <u> </u> | <u> </u> | 1 | ├ | \vdash | <u> </u> | <u> </u> | | $\vdash \vdash$ |
| | 110 | <u> </u> | - | ⊢ | \vdash | \vdash | - | <u> </u> | - | $\vdash\vdash$ |
| | 117 | \vdash | - | - | \vdash | \vdash | \vdash | \vdash | \vdash | Н |
| | 118 | \vdash | ├— | ├ | ├- | | ⊢ | \vdash | - | ${oldsymbol{dash}}$ |
| | 119 120 121 | | | ┢─ | ⊢ | ⊢ | | ┢ | - | Н |
| | 121 | ┝ | _ | ⊢ | - | - | - | - | ┝ | Н |
| | 122 | \vdash | _ | \vdash | \vdash | ┢ | | \vdash | \vdash | \vdash |
| | 122 123 124 | ┢ | | | \vdash | | | | | H |
| | 124 | \vdash | | | ┢ | \vdash | \vdash | \vdash | \vdash | Н |
| | 125 | Ι | | _ | | _ | \vdash | | \vdash | |
| | 125 126 127 128 129 | \vdash | | | _ | _ | \vdash | \vdash | | Н |
| | 127 | \vdash | | <u> </u> | | _ | | \vdash | \vdash | М |
| | 128 | | | Т | - | | _ | $\overline{}$ | | П |
| | 129 | | | | | | \Box | | | П |
| | 130 131 | | | | | | | | Г | П |
| | 131 | | | | | | | | | |
| | 132 | | | | | | | | | |
| | 133 134 | | | | | | | | | |
| | 134 | | | | | | | | | |
| | 135 | | | \Box | L | | | | | |
| | 136 | | _ | _ | L | _ | | | L | Ш |
| | 137 | L | | L | L | | | | _ | Щ |
| | 138 | _ | _ | _ | | $oxed{oxed}$ | | | | Щ |
| | 139 | | _ | <u> </u> | _ | | _ | _ | _ | |
| | 140 | L | L- | <u> </u> | <u> </u> | <u> </u> | L., | \vdash | _ | \sqsubseteq |
| | 141 | - | _ | Щ | <u> </u> | <u> </u> | _ | <u> </u> | | \vdash |
| | 142 | <u> </u> | | <u> </u> | <u> </u> | <u> </u> | | L-I | ļ | Щ |
| | 143 | <u> </u> | - | <u> </u> | <u> </u> | <u> </u> | _ | | \vdash | Ш |
| | 144 | H | \vdash | <u> </u> | <u> </u> | \vdash | \vdash | | - | \vdash |
| | 145 | \vdash | <u> </u> | <u> </u> | <u> </u> | - | <u> </u> | | | Н |
| | 146 | | - | \vdash | | - | \vdash | \vdash | - | Н |
| | 147 148 | - | | \vdash | ⊢ | \vdash | \vdash | | - | \vdash |
| | 149 | | \vdash | - | \vdash | - | - | - | - | \vdash |
| | 150 | - | \vdash | | \vdash | \vdash | H | \vdash | | $\vdash \vdash$ |
| اا | 150 | | L | | L | | Ц., | L | | ш |